Community & Cultural Affairs

ANNUAL REPORT

1983

ANNUAL REPORT

OF THE

PRINCE EDWARD ISLAND

DEPARTMENT OF

COMMUNITY AND

CULTURAL AFFAIRS

FOR THE YEAR ENDING DECEMBER 31

1983

George R. McMahon, Q.C.
Minister

Lorne R. Moase
Deputy Minister

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Community & Cultural Affairs

Government of Prince Edward Island

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The Honourable J. Aubin Doiron, B.A., D.D.S., H.D.H., LL.D.
Lieutenant Governor
Province of Prince Edward Island

May It Please Your Honour:

I have the honour to submit herewith the Annual Report of the activities of the Department of Community and Cultural Affairs for the period January 1, 1983 to December 31, 1983.

Your obedient servant,

George R. McMahon

George R. McMahon, Q.C.
Minister

Community & Cultural Affairs

Government of Prince Edward Island

P.O. Box 2000 Charlottetown C1A 7N8

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The Honourable George R. McMahon, Q.C.
Minister
Department of Community and Cultural Affairs
Province of Prince Edward Island

Dear Sir:

It is my pleasure and honour to submit to you the Annual Report of the Department of Community and Cultural Affairs for the year ending December 31, 1983. Relevant details are presented in divisional reports.

A few highlights of the Department were:

— A new Municipalities Act was proclaimed on November 1, replacing several statutes. While respecting the traditional practices of local government decision-making, the new Act brings into effect several significant changes in terminology and procedures.

— Community and mainstreet plans were prepared for Eastern Kings, O'Leary, Montague, Georgetown, Kinkora, Victoria, Crapaud, North Shore, Summerside, Charlottetown, Souris and St. Eleanors.

— Subsequent to the transfer of the Regional Services Centre administration to the Department of Industry in November, a number of structural changes have occurred with the regional field staff.

— A component on marijuana education was offered for the first time this past year as part of the Peer Education Program of Allied Youth.

— One hundred and forty-five (145) Island residents participated in the 1983 Jeux Canada Games and were successful in winning one gold, one silver, and two bronze medals during the competitions.

— Major cultural policy developments occurred in the area of heritage and museums with the adoption of the new Museums Act.

— The Acadian Community Advisory Committee — Comité Consultatif des Communautés Acadiennes was established to advise the provincial government on policy and program delivery relative to the specific needs of the Acadian communities of P.E.I.

— The Property Development Officers, Electrical and Plumbing Inspections teams, in an effort of restraint, are now involved in a job sharing program, and are working on a new ten month work schedule.

— A new P.E.I. Fire Protection Act was passed in 1983, to allow for the adoption of codes and standards to meet present day requirements.

— Amendments to the Direct Sellers Act resulted in limiting the number of residents who are required to obtain Direct Sellers licenses.

— The Community Services Laboratory operated by the Department was expanded to include, among other services, the provision of water chemistry analysis formerly carried out at the Queen Elizabeth Hospital.

— A trial program involving seven 4-H clubs in rearing and releasing pheasants was conducted in East Prince and Western Queens Counties and proved to be an unqualified success.

— A liming project was initiated at both O'Keefe's lake and Glenfinnan lake in an effort to improve the pH levels and restore trout fishing.

— As a result of amendment to the Fish and Game Protection Act, a firearm safety program for all first-time hunters and those under 16 years of age will become compulsory.

— In November, Clive Stewart retired as Deputy Minister of the Department and ended a lengthy career as a civil servant.

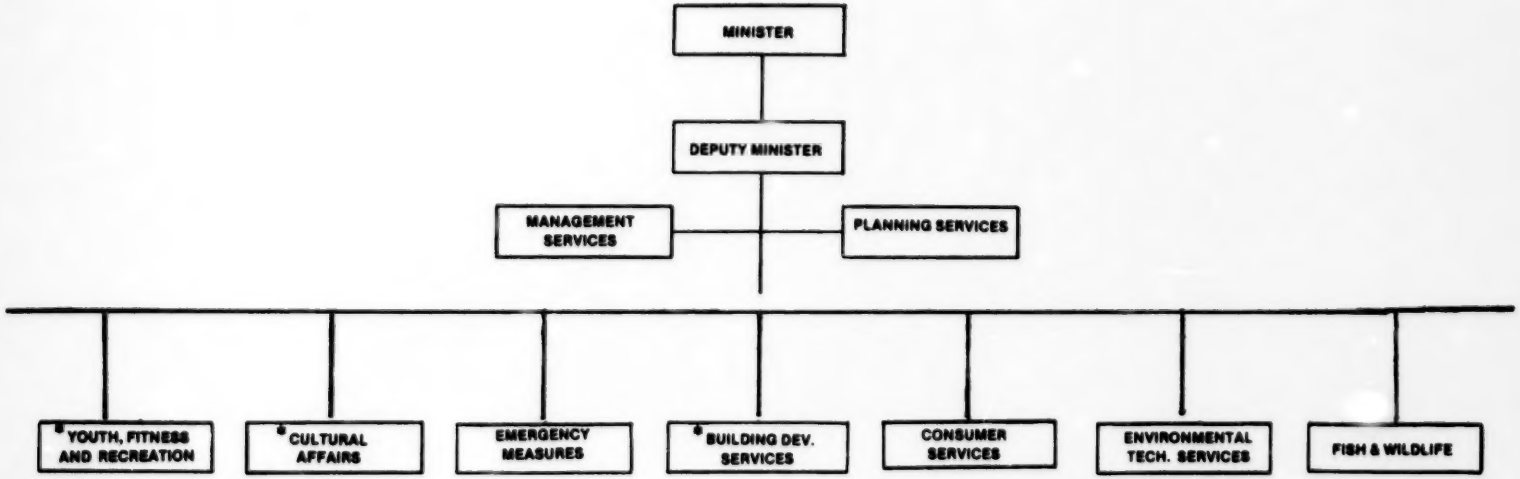
— In December, Lou Panty retired as Director of the Emergency Measures Organization.

On behalf of staff, I wish to thank you, Sir, for your interest and advice. I wish to express our appreciation to all municipal officials, organizations and volunteers who assisted in our programs.

Respectfully submitted,

Lorne R. Moase

Lorne R. Moase
Deputy Minister



* Field staff located in Regional Services Centres

MANAGEMENT SERVICES DIVISION

The Management Services Division is responsible for the financial and personnel services of the Department. This includes the preparation of the annual budget, budget control, departmental accounting, purchasing and inventory control. The Division also provides management information services to ensure that operations are carried out efficiently. (For summary of Revenue and Expenditures see Appendix I.)

PLANNING SERVICES DIVISION

This Division provides leadership and direction for the Department's efforts in policy and program development and in program and activity evaluation. The Division also contains a number of special service functions relative to municipal relations, community and regional planning, and environmental research, information and advice.

Research and Information

This section provides for the development and dissemination of information and educational materials relative to the Department's responsibilities in an effort to heighten an awareness of the environment and the services government provides. The section also provides assistance for special projects (e.g. Environment Days, environment camp programs).

During the report period a number of schools were assisted in developing and planning environmentally-related programs and activities such as field trips, camps and school curriculum.

Distribution of pamphlets, booklets and audiovisual programs was also continued.

Through a co-operative effort under the Atlantic Committee of Environmental Ministers, a number of programs were initiated during the year. The highlight being the hosting of the first ever joint Maritime Resource Recovery Conference held in Moncton in June. Over 100 people participated in this two-day conference. Under the auspices of the Atlantic Committee of Environment Ministers, other projects initiated included a set of 4 posters on our fresh water, a slide presentation on fresh water, and a reprinting of a publication on the Atlantic coast.

Municipal Relations

A major highlight of the past year was the proclamation of a new Municipalities Act on November 1, 1983. This new legislation supercedes several statutes including the Town Act, Village Service Act, Community Improvement Act and the Municipalities Extension Act.

While respecting the traditional practices of local government decision-making the new Act brings into effect several significant changes in terminology and procedures including the establishment of "councils" for all municipalities and the introduction of the term "community" to encompass former villages and C.I.C.'s.

Another prominent feature of the new legislation is the consolidation of all municipal elections to a common 3 year term, commencing in November, 1984.

Other highlights of the past year include a 7.7% increase in the equalization grant fund to $2,847,169, and an increase in the average contribution towards eligible municipal expenditures from 18.10% to 19.14%.

During the year, 4 new communities were incorporated bringing the number of municipalities in the Province to 84, comprising 1 city, 8 towns and 75 communities.

Under the Environmental Servicing Assistance Program, the Department cost-shared an extension of the West Royalty sewer system.

In an effort to upgrade the abilities and skills of local government officials in the Province, the Department has reached an agreement with the Maritime Municipal Training and Development Board, to co-operate with the Federation of P.E.I. Municipalities and the Institute of Public Administration in the development of an Officials' Handbook. When completed, this publication will prove a useful resource for elected officials in addressing an array of local problems.

Community Planning

The Department's Community Planning services are provided in response to a variety of requests for technical and professional assistance. During the months prior to November, services of the centrally-located staff were channelled through the Regional Services Centres, generally in teamwork with Community Resource staff at the centres. In November, the services were reorganized in accordance with the structural changes at the centres, so that community contacts become more direct.

The majority of activities were related to local, regional, and provincial plans and projects. A total of 27 individual areas are currently involved in the implementation of their own land use plans or bylaws, and in most cases both. (See Appendix II.) In all of these cases, incorporated municipalities are the building and subdivision approval authorities, and as a result some level of assistance was provided on request to each of them. A variety of technical projects were carried out in unincorporated areas as well. These are generally within the category of economic, social, and recreational development. Some of these projects will carry into 1984.

In total, at least 250 individual tasks were undertaken. Major tasks involved the preparation of community plans, mainstreet plans, and other community projects in Eastern Kings, O'Leary, Montague, Georgetown, Kinkora, Victoria, Crapaud, North Short, Summerside, Charlottetown, Souris, and St. Eleanors. Some of these activities had begun in 1982. In addition, a number of plan-review activities commenced in those communities whose plans were several years old, and where evaluation was due.

A highlight for Community Improvement Committees with official plans occured in the fall, when the proclamation of the new Municipalities Act empowered all C.I.C.'s to adopt bylaws which would implement their official plans.

Major activities in the Special Planning Areas involved the first draft of an official plan by the Eastern Kings Planning Board, and the approval of a large resort development at Mill River.

At the provincial and regional planning levels, the staff continued its liaison with the Land Use Commission and the Regional Planning Boards. A Planning Act Review Committee was appointed, and provincial planning policy was examined through a full-scale review of the Act, leading to a first draft of recommendations for revision. This policy work,including a review of Planning Act Regulations, will continue in 1984.

Regional Planning

Regional planning in the Province is carried out through the Charlottetown and Summerside Area Regional Planning Boards. The Charlottetown Board has a membership of twelve municipalities with ex officio representation from the Charlottetown Area Development Corporation and the Greater Charlottetown Area Chamber of Commerce. The Summerside Board has representation from four municipalities with ex officio representation from the Greater Summerside Area Chamber of Commerce.

In 1983, each Board provided for its own overhead and part-time secretarial service while the Province continued to supply professional and technical services.

During the year, the Summerside Area Board continued to work toward the completion of a regional plan for the area. In January, a working group consisting of three staff members from the East Prince Regional Services Centre and the Department's Director of Community Planning under the direction of the Director of Regional Planning was established. The resulting draft regional plan has Board approval-in-principle and is being reviewed by each of the member communities.

Towards the end of the year, the Board began to diversify its activities by initiating specific projects identified in the draft regional plan. These included application for funds to complete a profile of basic retailing data for use by the business community, a stream-improvement project, and an inventory of recreation facilities including physical, financial and organizational data.

The Charlottetown Board continued to work on several major projects during 1983. These included the finalization of studies, with the assistance of the Department's Environmental and Technical Services Division, to identify a site for a new landfill operation.

During the year the Board also undertook a study to look at the possibility of establishing a regional sewer and water utility for the suburban communities. As well, the Board requested and received assistance from the Department of Transportation and Public Works to update the regional transportation plan. The Board continued to administer the Greater Charlottetown Environmental District Plan in 1983. During the year the Board received the final plan for redevelopment of the East Royalty landfill site for recreation use. Work was also begun on a similar plan for redevelopment of the former Hillsborough Park landfill site.

In 1983, under the Greater Charlottetown Environmental District Plan a project designed to mitigate erosion and surface runoff was undertaken at the Board's request by the Department of Energy and Forestry. This has resulted in a major improvement to the stream complexes in the district.

During the year the Summerside and Charlottetown Boards undertook a joint review of the Planning Act as it relates to regional planning. Agreement-in-principle was reached on the need to request amendments and the Boards are currently reviewing a working paper on the form in which amendments might be requested.

YOUTH, FITNESS AND RECREATION DIVISION

In the interest of improving the fitness standards and recreation opportunities of all Island citizens, the Division encourages the wise use of leisure time and attempts to ensure that adequate opportunities are made available to the maximum number of people. Towards these ends, financial assistance, consultant and other resource services for program planning and development were provided by the provincial and regional offices to approximately 150 voluntary community and provincial youth, fitness, amateur sport and recreation agencies and organizations during the reporting period.

In recognition of the problems affecting recreation facilities, the Division provided consultant services to communities in developing better management programs for facilities and assisting with the organization and planning of special community events.

The Division has seen considerable change in its responsibilities over the past three years as a result of extending the availability of youth, sport, fitness and recreation services through the Regional Services Centres, as well as through the Charlottetown Field Services Office. Under this structural arrangement, the regional staff are responsible for recreation in the broadest sense including social, physical and cultural development. It is evident that the combined responsibilities of youth, sport, fitness, recreation and cutlural activities has increased the effectiveness of staff and produced a more co-ordinated and integrated approach to these disciplines locally and provincially.

Regional highlights during the year included the Canadian Junior Men's Softball Championship in Summerside, the West Prince Games hosted by Tyne Valley, a Drug Awareness Day and pilot youth project in West Prince, a workshop for youth employed on summer recreation projects in Kings County, a Senior Citizens Participation Day at Brudenell, and the appointment of Recreation Directors in Morell, West Royalty, Cornwall and Borden.

Sixteen communities received professional recreation leadership grants through the Division to help defray some of the costs associated with the appointment of Recreation Directors. Fifty Recreation Commissions or Committees also received funding to help subsidize their community recreation program.

Departmental staff participated in a number of workshops held in co-operation with local, regional and provincial groups. The workshops addressed

such concerns as arena management, fitness, coaching, and amateur sport planning and development. Clinics and workshops were also held across the Province in co-operation with sport governing bodies and youth groups. A series of meetings to consider more efficient use of rink facilities were held across the Province.

The Division continued to support and supervise the Allied Youth Program, at the local, regional and provincial levels. One of the highlights in the Allied Youth Program during the year was the Provincial Senior and Junior Conferences in May. The International Allied Youth Conference was held in Ottawa, and was officially opened by Canada's Governor General, Edward Schreyer. The conference was highlighted by the election of Ewan Clark of Morell as International Allied Youth President for 1983-84.

The Peer Education dimension of Allied Youth was once again offered to all senior and junior high schools throughout the Province. In addition to alcohol education, a component on marijuana was added to the program.

The Division continued to relate closely during the year to a number of other youth agencies and organizations including the Red Cross, Y.M.C.A., Student Council, Boys and Girls Clubs, Boys Brigade, Boy Scouts, Girl Guides, 4-H, and the Duke of Edinburgh Awards Program.

In the area of amateur sport the Division provided assistance to provincial sport governing bodies in addition to numerous regional and community sport groups, leagues and teams. Financial assistance continued to be provided for administrative expenses, for the staging of provincial competitions and to assist provincial representation in meeting the expenses incurred in attending competitions or clinics at the regional and/or national levels. In addition, special funding was provided to sport groups under the Elite Athlete Assistance Program and the Coaching Certification Program.

The Provincial Co-ordinating Committee on Planning for Amateur Sport completed its task early in the year and forwarded recommendations to the various agencies, including the provincial government involved in the delivery of amateur sport services in the Province.

Leadership development continued to be promoted and fostered through the delivery of the theory component of the National Coaching Certification Program. Financial and administrative assistance was provided to sport governing bodies conducting technical coaching courses.

The highlight of the year in amateur sport was the participation of 145 Island residents in the 1983 Jeux Canada Games held in the Lac St. Jean region of Quebec. Members of the provincial contingent were successful in winning one gold, one silver and two bronze medals during the competitions. Preparations were also being made for the 1985 Canada Summer Games to be held in St. John, New Brunswick. Mr. Cletus Dunn, West Prince Regional Recreation Co-ordinator, was appointed Provincial Chef-de-Mission for the 1985 Games.

The Division continued to relate to the provincial sport federation, Sport P.E.I., as well as to the Recreation and Sports Association for the Disabled, and provided financial assistance to these organizations.

The Division continued to provide a promotional, co-operative and supportive role in the area of fitness through the dissemination of resource information, professional presentations, and the provincial co-ordination of the first National Physical Activity Week, Canada Fitness Awards, and Corporate Challenge Program. The Division was also responsible for the interpretation of the provincial data for this Province from the Canada Fitness Survey, and sponsored a PARTICIPATION Workshop for fitness leaders.

Provincial participation and representation was continued on the Interprovincial Sport and Recreation Council and the Deputy Ministers' Steering Committee on Sport and Recreation.

CULTURAL AFFAIRS DIVISION

This Division is responsible for the promotion and support of the many aspects of Island culture such as heritage and museums, the arts, community education, and cultural enterprises, through policy and program development, financial and technical assistance, and special resource services in Island studies.

Major cultural policy developments occurred in 1983 with new legislation being adopted in the area of heritage and museums. The Museum Act effectively transformed the P.E.I. Heritage Foundation into a clearly-mandated provincial museum of human and social history, putting greater emphasis on natural history and a decentralized museums service. The legislation allows for greater local Board control over such operations as the Basin Head Fisheries Museum.

The Department also assisted in the formation of the Community Heritage Federation of Prince Edward Island to better represent the special interests of small museums and local historical societies. With assistance from regional field staff, several new historical societies were organized, most notably at Green Park, where the community showed increase interest in the branch museum there. In the area of archaeology, the Minister established a special committee to review the existing Archaeological Investigation Act. The Division was involved in an interdepartmental committee formed to examine the potential of cultural industries or enterprises. Divison staff was also involved in assisting the Summerside Events Centre Committee to undertake a feasibility study for an arts and culture centre.

As in previous years, the Division co-ordinated Prince Edward Island's representation at the Canadian Heritage Festival which was held this year, in St. John's, Newfoundland. Moreover, negotiations were begun with the Federal Minister of State for Multiculturalism for this Province's hosting of the 1985 Canadian Heritage Festival. This national folkloric arts festival brings performers together from across Canada, and the Department's initial plan is to have it take place in several communities across the Island.

During the year, funding was again provided to a number of organizations and agencies such as the P.E.I. Museum and Heritage Foundation, Confederation Centre of the Arts, and the P.E.I. Council of the Arts which is involved in the direct delivery of programs and services. The P.E.I. Council of the Arts, through

funding from this Department, made 82 grants totalling $65,000 in 1983. Fifteen students were assisted under the "Arts Education Bursary Program", and the Department's two art acquisition programs — "The Island Art Collection" and "Art to Senior Citizens" — enabled the purchase of some 54 works of art for installation in Senior Citizens Housing and other public buildings throughout the Province.

At the regional level, the Division staff and Department field staff assisted the organization and ongoing activities of regional arts councils throughout the Province. In 1983, the South Shore Arts Council, East Kings Arts Council, and the Conseil des Arts de la région Evangeline were constituted, and, together with the West and East Prince Councils, were assisted through the "Assistance to Regional Arts Councils Program". These regional organizations are an important stimulus to an enriched culture life for Islanders.

Island Community Theatre, Inc., another agency core-funded by the Department, continued its excellent efforts in encouraging and stimulating theatrical activity and appreciation among Islanders. The year's highlights included the first Island-wide Community Theatre Festival, the first New Voices playwriting competition, and the premiere and touring of Michael Hennessey's "The Trial of Minnie McGee" to enthusiastic audiences.

The Island Studies Committee at the University of Prince Edward Island, with ongoing support from the Department's Community Studies Specialist, initiated and co-ordinated many projects in 1983, ranging from a major publication on the Island fisheries to a report on off-road vehicle damage to sand dune systems in P.E.I.

The P.E.I. Association of Community Schools once again received core-funding assistance and resource services through the Division of Cultural Affairs. In the past year, this unique, highly successful program of adult education and community development involved more than 5,000 Islanders in 34 schools across the Province.

EMERGENCY MEASURES ORGANIZATION

The Emergency Measures Organization, a Division within the Department, has the responsibility of co-ordinating the response of government to either peace or wartime disasters, as well as investigating and reporting all land-based spills of hazardous substances.

In carrying out its mandate to ensure a reasonable state of emergency preparedness, EMO promotes the production of both specific and general Emergency Plans, and also carries out exercises to test these plans and the Province's emergency response capability.

This year, the Division completed all Peace and War Plans, 38 in all, made possible through cost-shared Joint Emergency Planning Program projects. Another federal/provincial cost-shared project resulted in the start up of our Radiological Defence training. Fifty-seven monitors and 20 Radiological Defence Officers will have been trained and in position by project end on March 31, 1984.

A considerable reduction in the number of spills of hazardous substances was experienced last year. Twenty-five spills were investigated, all but one being petroleum products, with the total amounting to 11,284 litres of petroleum. This compared with 44 spills and total of 133,077 litres in 1982.

EMO made arrangements for the attendance of 75 Islanders to participate in courses at the Federal Study Centre, Arnprior, Ontario, in various emergency fields — the breakdown being as follows:

Plans and Operations (Peace)	— 13
Plans and Operations (War)	— 04
Community Emergency Planning (Health)	— 02
Community Emergency Planning (Social Services)	— 16
Mayors and Elected Municipal Officials	— 10
Transportation of Dangerous Goods	— 07
Radiological Defence Officers	— 04
Emergency Operations Exercise	— 01
Public Information Seminar	— 02
Safety and Rescue Seminar	— 01
Instruction — Special Care Facilities	— 05
National Emergency Agency	— 03
Health and Welfare Directors Conference	— 01
Emergency Communications Symposium '83	— 03
Exercise Design	— 01
Federal/Provincial Training Conference	— 01
National Symposium	— 01

All expenses for the course are underwritten by the federal government (Emergency Planning Canada).

BUILDING & DEVELOPMENT SERVICES DIVISION

This Division provided a technical advisory service to the Property Development Officers who deliver the Department's programs through the Regional Services Centres. The Division has continued to update standards which afford protection to both the consumer and the building industry as well as ensuring continuity and uniform administration. In addition, the Division compiles and maintains statistical data. (See Appendix III-VII.)

The Property Development Officers, Electrical and Plumbing Inspection teams of the Division are now on a new ten month work schedule. The lay-off periods have been staggered between December 1, 1983 and March 31, 1984, to try to prevent a disruption of service to the industry.

Subdivision Development Section

This Section has continued to maintain records and provide technical advice on the development and subdivision of land to the general public and to communities that have their own Official Plans.

In 1983, a total of 338 subdivision plans were received and filed; 49 of these containing 116 lots, were granted final approval, and 232 others were filed for record purposes only, being the first lot separated from a property for single family dwelling or mobile home use (See Appendix III). Only 2 applications were not approved, and 55 are either approved-in-principle or still pending for a variety of reasons.

One application which had originally been approved was involved in an appeal to the Land Use Commission. The Commission agreed with the appellant and the local community improvement committee, and reversed the Department's decision.

The Section's responsibilities also include the administration of the Highway Advertisement Act and Regulations. In 1983 there were 129 licenses issued for directional highway advertising and two appeals were heard (See Appendix IV).

Property Development Section

Subsequent to the transfer of the Regional Services Centre administration to the Department of Industry in November, the Regional Property Development Officers and the Charlottetown Field Services Office Manager were retained to form the Property Development Section.

This Section administers programs under the Planning Act and the Environmental Protection Act Regulations. Staff have processed 1,280 building permits, 894 sewer disposal system permits and carried out approximately 2,500 inspections.

Electrical/Elevator and Plumbing Section

The five Electrical Inspectors working out of the Regional Services Centres carried out approximately 8,000 electrical inspections during the year while the three Plumbing Inspectors carried out over 3,000 inspections during the same period.

In addition to the inspections carried out by Regional Services Centre staff, the Chief Electrical Inspector's office conducted approximately 1,000 inspections on elevating devices, amusement rides and lightning rod installations throughout the Province (See Appendix V).

With the transfer of the Regional Services Centre staff to the Department of Industry on November 24, 1983, the administrative responsibilities related to the delivery of the Electrical and Plumbing Inspection programs have been transferred to the Electrical/Elevator and Plumbing Section.

Provincial Fire Marshal's Office

At the 1983 sitting of the Legislature, a new P.E.I. Fire Prevention Act was passed to allow for the adoption of codes and standards to meet present day requirements.

The Fire Marshal's office has continued to promote Life Safety Codes and Fire Prevention through regular programs. During the past year, there has been a marked reduction in fire losses related to wood burning appliances (See Appendix VI).

Sixty-two (62) Volunteer Fire Fighters representing twenty-nine (29) Volunteer Fire Departments completed the 48 hour Level II Fire Fighting Training at the Training Centre in West Royalty. Plans are now being made for a new class to begin Level I Training in March, 1984.

Derelict Cars and Unsightly Premises Program

Approximately 2,100 vehicles were hauled to the 14 provincial storage sites by four haulers this year. Approximately 2,984 tonnes of crushed cars were shipped from provincial sites while 2,081 tonnes were shipped from private yards (See Appendix VII).

Eighty-six buildings were removed under the Unsightly Premises Program.

CONSUMER SERVICES DIVISION

The Consumer Services Division is responsible for the administration of 13 statutes — 11 provincial and 2 federal. Seven of these require licenses by those affected. During 1983, 525 licenses were issued as compared to 765 in 1982.

During the 1983 session of the Legislature, the Direct Sellers Act was amended. This amendment resulted in limiting the number of residents who are required to obtain direct sellers licenses. In 1983, 480 Direct Sellers licenses were issued as compared to 721 in 1982.

Orderly Payment of Debts, the debtor assistance program administered by Consumer Services, continues to be a major activity of this Division. In 1983, the staff interviewed 132 debtors with financial problems. This is an 11% decrease from 1982 and a 29% decrease from 1981. A Total of $173,403 was disbursed to creditors from payments made by Orderly Payment of Debts' clients in 1983, representing a 22% increase in disbursements over 1982.

Public speaking activities by Consumer Services staff during 1983 involved 18 engagements with over 600 participants. In addition to these public speaking activities, the staff have responded to several requests for TV and radio interviews.

Relevant statistics for the Division are recorded in Appendix VIII.

ENVIRONMENTAL AND TECHNICAL SERVICES DIVISION

The Division continued to provide both management and technical services to the public and private sector in executing the many environmental programs of the Department.

The Division consists of four sections representing four main areas of responsibility: Water Resources, Marine Environment, Air and Solid Waste, and Utility Operations.

Water Resources

This Section provides groundwater and surface water resource management and technical expertise to the public, municipalities, and industries on Prince Edward Island. Because groundwater is the source of essentially all our water supplies, this Section continued to implement programs and services designed to evaluate, develop and protect this important natural resource.

The second year of the five year Winter River Basin Study was completed. This study, cost shared between the Department of Community & Cultural Affairs, the Commissioners of Sewers and Water Supply of Charlottetown, and Environment Canada, is designed to evaluate the water resources of the Basin, from which the City of Charlottetown obtains about one billion gallons of water each year. In 1983, researches from Memorial University, in co-operation with Water Resources Section staff, conducted detailed tracer tests at the union Study Site to determine rates of groundwater movement. Four deep (150 m) observation wells were constructed and tested. Water budget calculations for the basin indicated that further expansions of existings well fields could have detrimental effects on water supplies.

Data from the first two years of this study, along with further well yield and water level calculations by Water Resources staff, assisted Commissioners of Sewers and Water Supply in a major renovation of the City well fields at Union and Brackley.

Phases I and II of the P.E.I. Abandoned/Active Waste Disposal Site Program were completed in 1983 and resulted in the publication of two major reports. Hydrogeological studies were carried out at 21 Priority I active and abandoned sites to determine any health or environmental hazard posed by these sites. It was found that, in general, the effects of such sites on water resources are limited to the very close proximity to each site.

Water Resources staff were actively involved in the site selection process for a new bulk waste disposal site for the Charlottetown area. Field studies were carried out at five proposed sites, while a detailed hydrogeological study of the final proposed site was carried out.

A series of water quality surveys was conducted to determine the incidence of the insecticide Aldicarb in water wells adjacent to fields where the chemical had been applied. This program, a co-operative effort between Environmental Protection Services of Environment Canada and Water Resources Section, involved the collection of 159 samples in 1983 from approximately 70 domestic water supplies. The results showed that while the chemical was detectable in about 20% of wells sampled, concentrations were well within safe limits. The monitoring will continue in the future.

A major project involving the disposal of eight million pounds of cyanide-contaminated potatoes was supervised by Water Resources staff in 1983. The potatoes, partially destroyed by fire, were spread and plowed under on a selected acreage without any environmental damage.

The Water Well Management Program involves the enforcement of the Well Drillers Act, including licensing of well drillers, determining and ensuring acceptable standards of well construction and designing and supervising pumping tests of high capacity municipal and industrial wells (See Appendix IX). Approximately 500 wells were added to the Provincial Well Data System, bringing to 8500, the total number on file. This information is extremely valuable in making well construction and repair recommendations to the public, consultants and well drillers.

Groundwater and surface water quantity conditions on P.E.I. are assessed through a network of 15 observation wells and 9 stream gauging stations located across the Province. These are operated through a co-operative agreement with Water Survey of Canada. A summary of groundwater conditions for 1983 was published in December.

Under the Well Water Quality Program, staff respond to requests from the public for water sample collection and investigate problems of poor quality drinking water. The extremely heavy demand for this service is reflected in the statistics shown in Appendix X. Field investigations, interpretation of results, and recommendations for corrective measures are provided so that drinking water quality meets safe standards.

Regular groundwater quality monitoring continued at the regional solid waste disposal sites at Cardigan, East Royalty and St. Eleanors with no major change in groundwater quality at any site.

Water Resources Section staff investigates and ensures clean-up of spills of petroleum and other hazardous substances under the authority of the Environmental Protection Act. A total of 20 petroleum spills were investigated resulting in 10 wells being contamined. A pipeline leak at the CN Wharf in Charlottetown involving the loss of hundreds of litres of waste lubricating oil was investigated and clean-up efforts supervised.

Investigations of major water quality problems in wells across P.E.I. were conducted in 1983 (Appendix XI). Nitrate and bacterial contamination of wells due to agricultural wastes continues to be a major problem. Water salinity conductivity profiles were conducted at seven well locations and soil permeability evaluations for septic systems were carried out at six sites.

The P.E.I. Stream Alteration Advisory Committee, chaired by Water Resources Section Head, reviewed 42 applications and issued 33 permits. This review process is designed to ensure that dams, stream crossings and aquaculture projects do not detrimentally affect natural sports fishery habitats.

Under the Abandoned Well Program, this Section inspects and supervises plugging of abandoned large diameter wells, which are a hazard to human safety and groundwater quality. In 1983, 24 wells were inspected and 17 were plugged.

Section staff made presentations at seven public meetings in 1983, on topics ranging from the effects of pesticides on water quality and water treatment for dairy farmers, to landfill site hydrogeology.

Marine Environment

The objective of the Marine Environment Section program is to conserve and restore the natural quality of the marine and marginal-marine environment around P.E.I. The Section deals primarily with water quality and other environmental problems associated with the coastal zone. The Section is also responsible for the enforcement of the "Sand Removal in a Protected Area Regulations" and the "Planning Act Regulations" relative to the Control and Management of Inland Excavation Pits.

A number of water quality programs were carried out during the 1983 field season. The program included: a) investigation of eutrophication problems at Wheatley River, Pinette River, Vernon River and New London Bay; b) a productivity study of four freshwater ponds; c) bi-weekly monitoring of pH at Glenfinnan and O'Keefe's Lake; and d) periodic monitoring of water quality in a stream adjacent to an animal waste disposal site on Afton Road.

The Community Services Laboratory operated by the Marine Section was expanded to include, among other services, the provision of water chemistry analysis formerly carried out at the Queen Elizabeth Hospital. Further expansion is to take place in early 1984 to provide microbiological testing of water, wastewater and food samples. In the vicinity of 7,500 analyses were completed during the year.

The federal/provincial co-operative Shellfish Growing Area Water Quality Surveillance Program was active during the summer of 1983. Water quality surveys carried out on the Montague and Seal Rivers led to a substantial reduction in the closure on Montague River and the institution of a conditional opening on the Seal River. A number of sanitary reappraisal surveys were carried out in the western end of the Province. The Mill River and the Souris River conditional openings of marginally contaminated shellfish growing areas were operated during the past summer.

The Maritime Standing Committee on Shellfish and the P.E.I. Working Group on Shellfish continued to deal with matters related to the surveillance and classification of shellfish growing areas.

A number of seaweed odor problems were investigated by the Section staff. Twenty-three dredge spoil disposal applications and one mussel lease application were processed during the year. A number of environmental inspections were carried out on behalf of the Province in relation to DREE grants.

Five coastal erosion problems were investigated at the request of the property owners.

The commercial removal of sand from beaches of Prince Edward Island for use in the manufacturing of concrete increased substantially over the 1982 season. During the year a total of 47 permits were issued at 21 different removal sites. The total quantity of sand reported removed during the year was 47,400 cubic yards (36,024m^3) as compared with 30,730 cubic yards (23,500 m^3) the previous year. The increase in consumption of sand reflects the increase in activity in the construction industry.

Shoreline profiles were completed at most of the removal sites at least once during the year in order to monitor shoreline changes as they occur.

Through the Excavation Pit Permit Program, ten new pit permits were issued and a number of existing permits were renewed. There are approximately 145 approved pits in existence at the present time.

One abandoned roadside excavation pit was graded and restored during the year.

Utility Operations

The responsibility of this Section relates to water supplies and waste water treatment for municipalities, industries, institutions, commercial and individual domestic systems.

The Section provides technical assistance to the Building and Development Services Division for on site sewage disposal regulations and subdivision approval.

Technical assistance is provided to all municipalities, industries, commercial establishments, and other agencies in the Province with respect to the development, operation and maintenance of water supply and waste treatment systems. This Section is also responsible for the operation and maintenance of provincially owned water supplies and waste treatment facilities. These include:

Montague Industrial Water System
Georgetown Industrial Water System
North Rustico Industrial Water System
Alberton South Industrial Water System
Egmont Bay Industrial Water System
Beach Point Industrial Water System
Souris Industrial Water System
New Annan Industrial Wastewater Treatment Plant
Central Bedeque Industrial Wastewater Treatment Plant
Montague Industrial Wastewater Treatment Plant

Many requests concerning problems with individual water and domestic septic tank systems were received and responded to by staff. Improper installation and poor maintenance continues to be the main contributing factor in malfunction of these systems.

During the year, 12 septic tank pump trucks were licensed for operation in the Province. This program also involves the staff in carrying out inspections of spreading areas as well as investigating complaints of improper waste disposal.

In co-operation with Environment Canada, joint environment inspection assessments were carried out on industries receiving DREE grants.

A number of environmental surveys with respect to water and sewage disposal were carried out in several municipalities during the year. In each case, reports were prepared and recommendations made to the community involved.

Air and Solid Waste Management

The Air and Solid Waste Management Section is responsible for air quality monitoring and management of the Province's Refuse Disposal Programs.

Staff provided Environment Canada with sulphur dioxide and particulate samples collected in the Province for the National Air Pollution Network, as well as sampling for rainfall acidity using Sangamo Sampler Precipitation Stations. These stations are part of a long term study being done on national level to determine environmental impact in the various regions.

The Section continued to develop the solid waste program with 40 community dumps, 6 container sites, and 3 regional sanitary landfills. The 3 regional landfills are receiving most of the wastes from within their specific region, whereas the East Royalty Landfill has been designated as a Regional Bulk Site this year due to the new "Energy from Waste" plant coming on stream in mid-February.

The Section has considerable input in the form of technical assistance in locating a replacement site for the East Royalty Bulk Site which is scheduled to close in the fall of 1984.

Staff continued working with community leaders to encourage them to take a major role in operating their particular community disposal sites with provincial financial assistance. This emphasis has shown positive results over the past year with 17 sites indicating less cost to provide a disposal service than in previous years.

During the past year the Section has been providing a service for the safe disposal of special/hazardous substances such as old and unnecessary chemicals from schools.

FISH AND WILDLIFE DIVISION

Activities of the Fish and Wildlife Division are directed at the conservation and protection of the Province's wildlife and sport fish resources. Conservation and protection is realized through sound wildlife management and enforcement.

The interests in these resources is demonstrated by the collective annual sale of approximately 22,000 angling, hunting and trapping licenses. It should be noted that this figure does not represent the true participation of consumptive users (anglers, hunters, trappers). An exemption to the purchase of an angling or

hunting license is afforded resident commercial fishermen and their wives, resident farmers and farm labourers and their wives, and individuals under the age of sixteen years.

Interest in the conservation and protection of the Province's wildlife and sport fish resources is also expressed by such non-consumptive uses as hikers, skiers, photographers, bird watchers and people who enjoy nature-oriented outdoor activities.

The Division is divided into five major program areas.

Fisheries

Construction of a control structure with fishway, and drawdown was completed at Carragher's Pond, Emyvale, Queens County. This pond is located on the headwater of the West (Eliot) River and the fishway guarantees access of migrating salmonids to approximately 5 km of stream above the pond site. Engineering and financial assistance was provided by Ducks Unlimited.

In an effort to assure public safety, protective railings and grids were installed at MacPherson's and Strickland's Ponds.

Each year the Department monitors the upstream movements of anadromous fish to determine the effectiveness of fish ladders. The following sites were monitored during the past year: Bell's Pond, New Glasgow; MacPherson's Pond, Flat River; Strickland's Pond, Murray River; and Knox's Pond, Montague. Federal fishery officials assisted in this monitoring program.

In an effort to control excess vegetation growth and improve fish habitat, the scheduled drawdown of Cass's Pond, Covehead in late fall 1982, was completed and the logs were replaced in September, 1983, to bring the water levels back up. An unscheduled drawdown occurred in the spring of 1983 when Barlow's Pond, Wellington, suffered a major washout. Ducks Unlimited effected repairs to the dyke and structure.

Supervision and direction by staff of the Fish and Wildlife Division were afforded several manpower projects sponsored by the P.E.I. Wildlife Federation and its various branches.

A Winter Works Project was responsible for the removal of debris from sections of the Naufrage and Fortune Rivers and for clearing access road to the rivers.

Summer student projects were primarily involved with stream clearing on Indian River, Glenfinnan River and Naufrage River. As well, several hundred cover logs were installed in the Glenfinnan and Naufrage River to improve fish habitat.

A major project involving three separate crews improved fish habitat on approximately 20 km of stream on the Wilmot, Pisquid and Murray Rivers. This project was financed under the NEED Program, with the Fish and Wildlife and Forestry Divisions providing substantial support.

The wetland inventory was used as the basis to develop a waterfowl breeding pair and brood survey. The survey was initially conducted during the

spring and summer of 1983 with the co-operation of the Canadian Wildlife Service. Impacts of hunting and changing regulations on waterfowl populations will be measured in order to maintain and enhance the waterfowl resources.

A study to determine the rate of decline of productivity in four freshwater impoundments was initiated in 1979 and continued through 1983. The study will provide the means to determine the optimum drawdown schedule to achieve maximum productivity from P.E.I. wetlands.

The Atlantic Region Waterfowl Management Plan was completed in 1983. The plan defines the status of waterfowl in the Atlantic Region, identifies management goals and objectives and develops strategies to accomplish these objectives. The Waterfowl Management Plan was several years in preparation and provides the direction in which the waterfowl management program on P.E.I. is currently proceeding.

A spring census of breeding woodcock, an important game species in eastern North America, is conducted annually throughout its range. Recovering from a former decline, the index increased on P.E.I. in 1983.

During the spring waterfowl migration, an effort was initiated to live-trap and band migrant Canada geese for the purpose of determining both spring and fall migration patterns. This program was carried out with the co-operation of Canadian Wildlife Service.

Staff continued to monitor, develop and improve the wild fur industry on P.E.I. through trapper education, research and management. Gross returns to trappers and hunters from wild furs harvested on P.E.I. in 1982-83 amounted to $164,100.

The Division co-operated with the Marine Division in the continual mintoring and management of recreational rainbow trout fisheries in O'Keefe and Glenfinnan Lakes. The pH levels in O'Keefe Lake have remained at acceptable levels since the application of 63 tonnes of agricultural limestone in September, 1982. Declining levels in Glenfinnan Lake gave concern for fish survival in 1983 and in October 1983, 54 tonnes of limestone were applied, resulting in a vastly improved pH level.

The Cardigan Fish Culture Station stocked O'Keefe and Glenfinnan with 5,000 and 2,500 rainbow trout fingerlings respectively in October, 1983.

In addition to lake stocking, the Cardigan Fish Culture Station assisted the Division in developing new angling opportunities by supplying approximately 1,500 speckled trout for stocking in seven roadside borrow pits in West Prince County. As well, 9,000 Atlantic salmon fingerlings were stocked in the Morell River, upstream of Leard's Pond, in a continuing effort to establish a viable Atlantic salmon fishery.

Upland Game

Students hired under the special student employment program administered by the Department of Labour, were employed to gather forest inventory data on large blocks of Crown land in Forest Hill and Southampton. This information will enable the Division to develop management plans to enhance the area for wildlife production and public use.

Information collected in previous surveys was used to develop management plans for forested lands under Division management in co-operation with Forestry Division.

The annual game survey, which was again carried out in 1983, provides the Division with harvest estimates for snowshore hare and game birds. This information is essential to manage our games species. Ruffed grouse wings and tails, obtained from co-operating hunters, are collected annually. Data obtained from this material provide a measure of reproductive success.

The Korean ring-neck pheasant program was continued in 1983. A total of 100 pheasants (50 males and 50 females) were released to the wild in Prince and Queens Counties.

A trial program involving 4-H members rearing and releasing pheasants was conducted in East Prince and Western Queens counties. Seven 4-H clubs were each given 20-24 day-old pheasants and were provided food and technical advice. This program proved to be an unqualified success with good survival of the pheasants to release age. As well, the program proved a useful learning experience for the 4-H members.

Waterfowl and Furbearers

The waterfowl and furbearer habitat management program consists of the development and maintenance of wetlands for public use and improvement of food and cover for aquatic wildlife. For the past 13 years Ducks Unlimited (Canada) in co-operation with the Fish and Wildlife Division and private landowners has developed and improved 72 marshes on P.E.I. totalling 1,655 hectares. An additional 6.3 km of channels was created by level ditching projects. In addition to habitat development, sowing and assessment of previous wild rice planting continued in 1983.

A wetland inventory to determine the quantity and quality of wetland habitat in the Province was initiated in 1980 with the co-operation of the Canadian Wildlife Service and Ducks Unlimited. Field work for the project was carried out during the summers of 1981 and 1982. Transcription, data processing and computer analysis of the information was completed in 1983. A total of 2,986 wetlands totalling 15,668 hectares were rated according to their value as wildlife habitat. Principal species and numbers harvested include 8,500 muskrat, 1,300 raccoon, 1,200 fox, 600 mink and 300 beaver.

To improve the delivery of service with respect to the issuing of export permits, the Regional Service Centres assisted the Province in issuing these permits.

Although valuable for fur and, more importantly, for creating valuable wetland habitat, beaver populations must be properly managed to prevent over-population and subsequent damage to roads, woodlots and agricultural land. Information on sex, age and reproduction collected from 200 beavers trapped last winter indicated a young, productive population. With an expanding beaver population and subsequent increases in nuisance complaints, the length of the trapping season in 1983 was increased by one month.

Problems associated with beavers plugging highway culverts increased in 1983. In co-operation with Department of Transportation and Public Works an effective program to address problem sites was realized in 1983.

Hunter Safety

As a result of an amendment to the Fish and Game Protection Act, all first time hunters and those under 16 years of age will be required to show proof of successful completion of instruction in firearm safety before being permitted to hunt in the Province, effective September 1, 1984.

With the assistance of volunteer instructors and interested school teachers, 402 experienced and first time hunters were afforded instruction in the safe use and care of firearms in 1983

Enforcement

Intensive enforcement resulted in 63 violations being registered by enforcement staff under the various acts regulating the conservation and protection of fish and wildlife in the Province. A summary of 1983 violations is presented in Appendix XII, "Summary of Violations, Fish & Wildlife Division, 1983".

With an amendment to the Fish and Game Protection Act, the Minister responsible for the Fish and Wildlife Division has been empowered to develop meaningful regulations respecting the care of wildlife in captivity.

APPENDIX I
DETAILED STATEMENT OF REVENUE AND EXPENDITURES
FOR THE YEAR ENDED MARCH 31, 1983

REVENUES		
Regional Services Centres		
Electrical Inspection Fees	$ 36,416	
Plumbing Permits	7,900	
Other	22,301	$ 66,617
Building & Development		
Inspection Fees (Electrical, Special Inspection)	$ 13,599	
Derelict Cars	9,341	
Other	962	23,902
Administration		4,384
Environmental & Technical Services		
Abandoned Land Disposal Site Survey	$ 37,250	
Sandmining	1,158	
Utility Operations	5,470	
Other	17	43,895
Fish & Wildlife		
Fish & Game Licenses	$120,989	
Other	805	121,794
Consumer Services		
Collecting Agency Act	$ 1,000	
Direct Sellers Act	11,870	
Auctioneer's Act	350	
Other	915	14,135
TOTAL REVENUES		$274,727
EXPENDITURES		
General Administration		$370,733
Planning Services		
Administrattion	$359,608	
Community Planning	18,957	378,565
Youth, Fitness & Recreation		512,370
Community Resources		
Administration	$ 27,106	
Charlottetown Field Services	331,501	
East Prince Regional Services Centre	381,948	

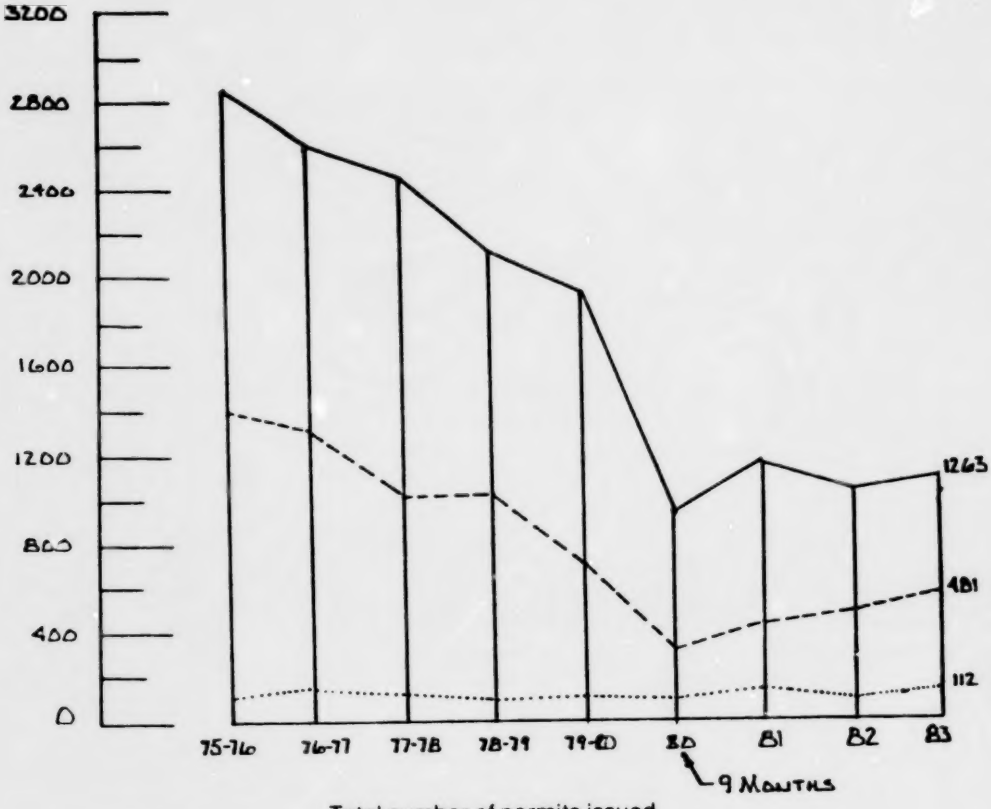
Eastern Kings Regional Services Centre	201,578	
West Prince Regional Services Centre	329,214	
Southern Kings & Queens Regional Services Centre	355,971	1,627,318
Community Resource Assistance		
Council of the Disabled	$ 16,000	
C.A.D.C.	375,000	
Leadership Institute	54,631	
Community Resource Fund	7,635	
Community Schools	36,300	489,566
Municipal Support		3,237,539
Cultural Affairs		1,520,592
Building & Development		
Administration	$367,343	
Derelict Cars/Dilapidated Buildings	75,422	442,765
Environmental & Technical Services		
Administration	$322,372	
Provincial Solid Waste	600,330	
Community Dumps	147,263	
Marine Environment	54,926	
Abandoned Land Disposal Site Survey	48,645	1,173,536
Water Resources		184,743
Fish & Wildlife		
Administration	$416,122	
Fisheries	77,652	
Upland Game	5,440	
Waterfowl & Furbearers	8,066	
Summer Student Support	533	507,833
Emergency Measures Organization		97,991
Consumer Services		84,395
TOTAL EXPENDITURES		$10,627,946

APPENDIX II
MUNICIPAL PLANS, BYLAWS, AND REGULATIONS

City of Charlottetown	Master Plan and Development Bylaws
Town of Summerside	Development Bylaws
Town of Alberton	Official Plan and Development Bylaws
Brudenell C.I.C.	Official Plan and Development Regulations
Village of Bunbury	Official Plan and Development Bylaws
Village of Cornwall	Official Plan and Development Bylaws
Cross Roads C.I.C.	Official Plan and Development Regulations
Village of East Royalty	Official Plan and Development Bylaws
Town of Georgetown	Plan and Development Bylaws
Town of Kensington	Development Bylaws
Linkletter C.I.C.	Official Plan and Development Regulations
Lower Montague C.I.C.	Official Plan and Development Regulations
Town of Montague	Development Bylaws
New Haven-Riverdale C.I.C.	Official Plan and Development Regulations
North River C.I.C.	Official Plan and Development Regulations
Town of Parkdale	Official Plan and Development Bylaws
Village of Sherwood	Official Plan and Development Bylaws
Town of Souris	Development Bylaws
Village of Southport	Official Plan and Development Bylaws
Village of Tignish	Official Plan and Development Bylaws
Village of West Royalty	Official Plan and Development Regulations
Village of Wilmot	Official Plan and Development Bylaws
Winsloe C.I.C.	Official Plan and Development Regulations
Greater Charlottetown Environmental District	Official Plan and Development Regulations
Village of St. Eleanors	Official Plan and Development Bylaws
Alexandra C.I.C.	Official Plan and Development Regulations
Miltonvale Park C.I.C.	Official Plan and Development Regulations

APPENDIX III

Building & Development Services
Building Permits, By Major Categories, Issued by Province



Total number of permits issued
Dwelling units including mobile homes
Summer cottages

Subdivision Development Section

During the report period, 49 subdivisions were approved, containing 116 lots for the following purposes:

Single Family Dwellings	42
Summer Cottage	61
Commercial	5
Miscellaneous Use	8
TOTAL	116

APPENDIX VI

Provincial Fire Marshal's Office

Total number of building inspections	1,410
Total number of fire investigations	62
Building plans reviewed	37
Number of fires of incendiary nature (excluding vehicles)	36
Total number of deaths by fire	4
Total number of fires recorded (estimated)	650
Total number of motor vehicle fires (estimated)	84
Total number of fires over $100,000.00 (estimated)	5
Total property loss (estimated)	$4,500,000.00
Total insurance loss (estimated)	$3,500,000.00

Due to the time element, the dollar loss is estimated. Final statistics should be available by July, 1984.

APPENDIX VII

Car Program (Derelict Vehicles)

Automobile Junk Yard Act:

	1982	1983
Number of Provincial haulers	4	4
Number of Provincial storage sites	14	14
Number of private automobile junk yard permits issued	44	49
Cars hauled to Provincial storage sites	2,400	2,100
Crushed cars shipped from Province measured in tons		
Provincial sites	932	3,315
Private yards	702	2,312

APPENDIX IV

Highway Advertisements Act and Regulations

Appeals upheld and recommended for approval subject to conditions	2
Appeals recommended for rejection	0
Licenses issued in 1982	102
Licenses issued in 1983	129

APPENDIX V

Electrical/Elevator and Plumbing Inspection

Inspections (Province wide)

Applications received for Inspection	4465
Connection Permits Issued	2543
Fees Collected	$53,192.75

Licenses Issued Annually

Electrical Contractors	186
Journeymen	323
Apprentices	67
Special	32

Examinations

Qualifying Examinations for Electrical Contractors

Date of Examination	No. of Contestants	No. Qualifying
March, 1983	9	8
July, 1983	5	3

Elevator Activities —

New Installations	13
Existing Installations	149
Fees Collected	$3,650.00

Lightning Rod Activities —

Inspections

Applications received for Lightning Rod Inspections	72

Licenses Issued

Lightning Rod Manufactures	1
Agents and Installers	3

Plumbing Activities — (Province wide)

Permits Issued	742
Fees Collected	$12,279.00

APPENDIX VIII

Following are the relevant statistics from the Consumer Services Division for the report period.

		1983	1982
A.	**Consumer Complaints:**		
	1. Automobile Sales & Repairs	210	211
	2. Home Construction & Renovations	49	65
	3. Appliances — Sales & Service	92	139
	4. Mail order/Direct selling	140	142
	5. Collections/Credit	180	221
	6. Other	478	574
		1149	1352
B.	**Consumer Inquiries:**	1,268	966
	TOTAL:	2,417	2,318
C.	**Licensing and Registration:**		
	1. Auctioneers Licensed	34	34
	2. Direct Sellers Licensed	480	721
	3. Collection Agencies Licensed	8	7
	4. Consumer Report Agencies Licensed	3	3
	TOTAL:	525	765
D.	**Orderly Payment of Debts Program:**		
	Funds Disbursed to Creditors	$173,403	$142,236
	Debtor Interviews & Reviews	132	148

APPENDIX IX

Water Well Management Program	1982	1983
Well Drilling Licenses Issued	10	11
Well Drilling Permits Issued	12	10
Areas Restricted for Drilling	6	6
Field Inspections with Drillers	5	6
Well Drillers Reports Received	370	499
Drilling Without a License	1	1
New Wells Located	35	18
Design or Supervision of Pumping Tests	7	5

APPENDIX X

Well Water Quality Program	1982	1983
Samples Collected For		
Q.E.H. Bacterial Lab	864	1,937
Q.E.H. Chemistry Lab	746	1,002
Samples requested for Mortgage Purposes	149	454
Dept. of Agriculture		
(Soil & Water Lab) Chemical Analyses — Total	555	745
Public & Private Wells	334	528
Landfill Monitoring	221	217
Out of Province Labs	95	170

APPENDIX XI
MAJOR GROUNDWATER INVESTIGATIONS — 1983

1.	Montague	Hydrocarbon contaminated well, 2 observation wells drilled
2.	Cumberland	Two wells contaminated by animal manure
3.	Brackley	Environmental impact assessment for proposed asphalt plant
4.	Charlottetown	Waste oil/Petroleum waste issuing from city storm sewer at CNR wharf
5.	Earnscliffe	Nitrate contamination of wells, manure related
6.	York	Above normal nitrates in several wells
7.	Georgetown	New well for apartment building
8.	Bangor	Well contaminated by road salt storage site
9.	Rollo Bay	Cull potato leachate investigation
10.	Kinkora	One well with excessive nitrates and several others with above normal concentrations
11.	West Royalty	Sea water intrusion and bacteria counts in 3 wells in a major subdivision
12.	Flat River	Sea water intrusion, iron, manganese and iron bacteria contamination of a dairy farm well
13.	Belle River	Bacterial contamination complicated by improper well construction techniques
14.	Middleton	Two wells with excessive nitrates complicated with slight road salt contamination
15.	Greenvale	Bacterial contamination of one well attributed to rock pit
16.	Murray River	Excessive manganese and iron in 8 private wells
17.	Carleton Siding	Bacterial contamination, domestic source
18.	Southport	Bacertial contamination due to poor construction necessitated reconstruction of well
19.	Watervale	Petroleum contamination of two wells
20.	Roseville	Manganese, iron and bacteria contamination of 2 wells
21.	Nine Mile Creek	Nitrate contamination of one well
22.	Haliburton	Iron, manganese and bacterial contamination of two wells
23.	Mininegash	Salt water intrusion in 3 wells
24.	West Point	Manganese, iron and bacteria contamination in 3 wells
24.	Alberton	Contamination of 2 wells from town sewer
26.	Fredericton	Three wells with bacterial contamination (Rock Pit)
27.	North River	Sewer, manganese and road salt contamination of a well supplying an apartment building

APPENDIX XII

SUMMARY OF VIOLATIONS, FISH & WILDLIFE DIVISION, 1983

VIOLATION	1977	1978	1979	1980	1981	1982	1983
Fishing without license	10	7	3	6	27	20	11
Trapping without license	—	1	-	1	—	1	2
Hunting without provincial license	1	2	1	6	3	7	4
Hunting without federal permit	7	4	—	8	5	3	3
Fishing out of season	—	—	11	2	16	9	10
Hunting out of season	4	9	1	1	—	3	1
Trapping out of season	1	2	2	5	1	3	5
Exceeding daily bag limit	—	2	—	—	—	2	4
No permits for green hide	—	1	—	1	—	—	1
Hunting on Sunday	—	—	—	—	1	1	—
Illegal Hunting with .22 rifle	—	1	—	—	—	—	—
Loaded firearm in vehicle	4	6	4	1	2	3	3
Discharging firearm within 200 yds of dwelling	1	—	—	—	—	1	—
Hunting a protected species	2	—	—	—	—	—	—
Illegal possession of migratory birds	—	2	—	—	—	—	—
Spearing salmon	5	6	—	—	—	—	—
Agriculture Chemicals Act and Regulations	1	5	—	—	—	1	—
Fishing with more than one line	5	1	—	4	5	5	4
Hunting with more than one shotgun	—	1	—	—	—	—	—
Hunting with unplugged shotgun	9	4	—	2	5	2	3
Juvenile hunting without guardian	3	—	—	—	—	—	—
Trespassing	—	—	2	—	—	—	—
Giving false information	—	—	2	3	6	2	2
Fail to report on Aviculture Permit	—	1	—	—	—	—	—
No Firearms Permit	3	—	—	—	—	—	—
Hunting in wildlife management area	—	2	—	—	3	—	—
Hunting while suspended	—	2	—	—	1	—	—
Hunting in Federal Sanctuary	—	—	2	—	—	—	—
Load falling from truck	—	1	2	—	—	—	—
No tags on snares	—	—	—	1	1	1	2
Trapping within 10 ft. of beaver house	3	—	—	2	1	—	—
Transferring of license	2	—	—	—	—	—	—
Hunting with aid of boat	4	—	—	—	—	—	—
Littering Highway	—	1	1	—	—	1	1
Baiting for waterfowl	—	1	—	—	—	—	3
Molest Wildlife	—	3	—	—	—	2	—
Obstructing passage of fish	—	—	—	—	2	—	—
Not checking traps every 48 hrs.	—	—	—	—	—	1	—

Obstructing Conservation Officer	—	—	—	—	—	2	—
Illegal transport of migratory bird	—	—	—	—	—	—	1
Net with no license	—	—	—	—	—	—	1
Jigging for sports fish	—	—	—	—	—	—	1
Illegal excavation pit	—	—	—	—	—	—	1
TOTAL	65	76	31	43	79	70	63

POOR

QUALITY

ORIGINAL